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To: Examiner Christopher Babic (art unit 1637)

**U. S. Patent Application 10/824,829  
Proposed Amendments to claims 189 and 84**

**Proposed amendment to claim 189:**

189. A kit for amplifying template polynucleotide, said kit comprising:  
a composite primer that is designed to bind to ~~capable of binding to~~ multiple sites within  
template polynucleotide, wherein the sites comprise different nucleic acid sequences; and  
instructions for carrying out the method according to any of claims 1, 49, 65, 84, 108, or  
149.

**Proposed amendment to claim 84:**

84. A method for amplification of a template DNA, comprising:  
(a) hybridization of a composite primer to a multiplicity of sites on a DNA template,  
wherein the sites comprise different nucleic acid sequences, wherein the composite  
primer comprises an RNA portion and a 3' DNA portion, thereby producing a-complexes  
comprising the composite primer hybridized to the DNA template; and  
(b) incubating the complexes in the presence of a DNA-dependent DNA polymerase, an  
RNA-dependent DNA polymerase, and an agent that cleaves RNA from an RNA/DNA  
heteroduplex, whereby multiple copies of polynucleotide amplification product are  
generated by primer extension and strand displacement.